# Rec'd PCT/PTO 2 & DEC 2004

### (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

#### **CORRECTED VERSION**

#### (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 29 January 2004 (29.01.2004)

**PCT** 

## (10) International Publication Number WO 2004/009430 A1

(51) International Patent Classification<sup>7</sup>: B62D 55/30, 55/14

(21) International Application Number:

PCT/EP2003/007752

(22) International Filing Date: 16 July 2003 (16.07.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: MI2002A001599

19 July 2002 (19.07.2002) I

(71) Applicant (for all designated States except US): BERCO S.p.A [IT/IT]; Via I° Maggio 237, I-44034 Copparo (IT).

(72) Inventor; and

(75) Inventor/Applicant (for US only): BERTONI, Giovanni [IT/IT]; Via Ricciarelli 6, I-44100 Ferrara (IT).

(74) Agents: DE GREGORI, Antonella et al.; Ing. Barzano' & Zanardo, Milano S.p.A., Via Borgonuovo, 10, I-20121 Milan (IT).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

with international search report

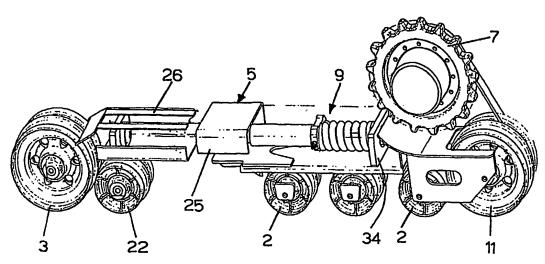
(48) Date of publication of this corrected version:

17 February 2005

(15) Information about Correction: see PCT Gazette No. 07/2005 of 17 February 2005, Section II

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: TRACK-TIGHTENING DEVICE FOR CRAWLERS



(57) Abstract: Track-tightening device for crawlers wherein the bogie comprises a track-tightening structure to modify the wheel base of the front and back wheels of the bogie equipped with one or more movable supporting rollers capable of always remaining at the same distance from the idler wheel of the track-tightener under all operating conditions.